Technika

OPERATING INSTRUCTIONS

19-811

COLOUR TELEVISION WITH REMOTE CONTROL

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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Features

- Remote controlled colour LED TV.
- Fully integrated Terrestrial digital TV (DVB-T - MPEG2)
- HDMI connectors for digital video and audio. This connection is also designed to accept high definition signals.
- USB input.
- 1000 programmes (analogue+digital).
- OSD menu system.
- Integrated tuner MPEG2 compatible.
- Scart socket for external devices (such as video, video games, audio set, etc.).
- Stereo sound system. (German+Nicam)
- Teletext, fastext, TOP text.
- Headphone connection.
- Automatic programming system.
- Forward or backward manual tuning.
- Sleep timer / Child lock.
- Automatic sound mute when no transmission.
- NTSC playback.
- AVL (Automatic Volume Limiting).
- Auto power down.
- PLL (Frequency Search).
- PC input.
- Plug&Play for Windows 98, ME, 2000, XP, Vista, Windos 7.
- Game Mode

Introduction

Please read the corresponding instructions of this handbook prior to the first usage of the device, even when the usage of electronic devices is familiar to you. Notice especially the chapter SAFETY PRECAUTIONS. Carefully keep the handbook as future reference. When selling the device or giving it away, absolutely give these direction for use.

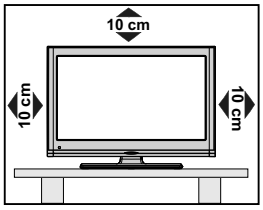
Thank you for choosing this product. This manual will guide you for the proper operation of your TV. Before operating the TV, please read this manual thoroughly. Please do keep this manual in a safe place for future references.

This device is intended to receive and display TV programs. The different connection options make an additional expansion of the reception and display sources possible (receiver, DVD player, DVD recorder,

VCR, PC etc.). This device is only suitable for the operation in dry interiors. This appliance is intended solely for private domestic use and may not be used for industrial and commercial purposes. We exclude liability in principle, if the device is not used as intended, or unauthorized modifications have been made. To operate your LED TV in extreme ambient conditions may cause the damage of the device.

Preparation

For ventilation, leave a free space of at least 10 cm all around the set. To prevent any fault and unsafe situations, please do not place any objects on top of the set. Use this device in moderate climates.



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Safety Precautions

Read the following recommended safety precautions carefully for your safety.

Power Source

The TV set should be operated only from a 220-240 V AC, 50 Hz outlet. Ensure that you select the correct voltage setting for your convenience.

Power Cord

Do not place the set, a piece of furniture, etc. on the power cord (mains lead) or pinch the cord. Handle the power cord by the plug. Do not unplug the appliance by pulling from the power cord and never touch the power cord with wet hands as this could cause a short circuit or electric shock. Never make a knot in the cord or tie it with other cords. The power cords should be placed in such a way that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electric shock. When it is damaged and needs to be replaced, it should be done by qualified personnel.

Moisture and Water

Do not use this device in a humid and damp place (avoid the bathroom, the sink in the kitchen, and near the washing machine). Do not expose this device to rain or water, as this may be dangerous and do not place objects filled with liquids, such as flower vases, on top. Avoid from dripping or splashing.

If any solid object or liquid falls into the cabinet, unplug the TV and have it checked by qualified personnel before operating it any further.

Cleaning

Before cleaning, unplug the TV set from the wall outlet. Do not use liquid or aerosol cleaners. Use soft and dry cloth.

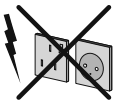
Ventilation

The slots and openings on the TV set are intended for ventilation and to ensure reliable operation. To prevent overheating, these openings must not be blocked or covered in anyway.

Heat and Flames

The set should not be placed near to open flames and sources of intense heat such as an electric heater. Ensure that no open flame sources, such as lighted candles, are placed on top of the TV. Batteries should not be exposed to excessive heat such as sunshine, fire or the like.

Lightning



In case of storm and lightning or when going on holiday, disconnect the power cord from the wall outlet.

Replacement Parts

When replacement parts are required, make sure that the service technician has used replacement parts, which are specified by the manufacturer or have the same specifications as the original one. Unauthorized substitutions may result in fire, electrical shock or other hazards.

Servicing

Please refer all servicing to qualified personnel. Do not remove the cover yourself as this may result in an electric shock.

Waste Disposal

• Instructions for waste disposal:

Packaging and packaging aids are recyclable and should principally be recycled. Packaging materials, such as foil bag, must be kept away from children. Batteries, including those which are heavy metal-free, should not be disposed of with household waste. Please dispose of used battery in an environment friendly manner. Find out about the legal regulations which apply in your area.

• Don't try to recharge batteries. Danger of explosion. Replace batteries only with the same or equivalent type.

This symbol on the product or on its packaging means that your electrical and electronic device should be disposed at the end of its service life separately from your household wastes. There are separate collection systems for recycling in EU. For more information, please contact the local authority or the dealer where you purchased the product.

Disconnecting the Device

The mains plug is used to disconnect TV set from the mains and therefore it must remain readily operable.

Headphone Volume

Excessive sound pressure from earphones and headphones can cause hearing loss.

Installation

To prevent injury, this device must be securely attached to the wall in accordance with the installation instructions when mounted to the wall (if the option is available).

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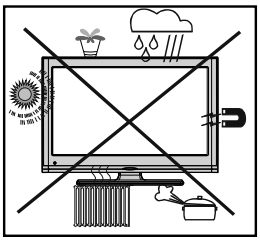
LCD Screen

The LCD panel is a very high technology product with about a million thin film transistors, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green or red point. Please note that this does not affect the performance of your product.

Warning! Do not leave your TV in standby or operating mode when you leave your house.



The Standby Off/On button doesn´t separate this device completely from mains. Moreover the device consumes power in the standby operation. In order to separate the device completely from mains, the mains plug has to be pulled from the mains socket. Because of that the device should be set up in a way, that an unobstructed access to mains socket is guaranteed, so that in case of emergency the mains plug can be pulled immediately. To exclude the danger of fire, the power cord should principally be separated from the mains socket prior to a longer period of non-usage, i.e. during vacations.

Electrical device not in the hands of children

Never let children use electrical device unsupervised. Children can´t always recognize properly the possible dangers. Batteries / accumulators can be life threatening when swallowed. Store batteries unreachable for small children. In case of swallowing a battery medical aid has to be sought immediately. Also keep the packaging foils away from children. There is danger of suffocation.

Licence Notification (optional)

Manufactured under license from Dolby Laboratories.

TRADEMARK ACKNOWLEDGMENT

“Dolby” and the double-D symbol are trademarks of Dolby Laboratories.

DOLBY DIGITAL PLUS

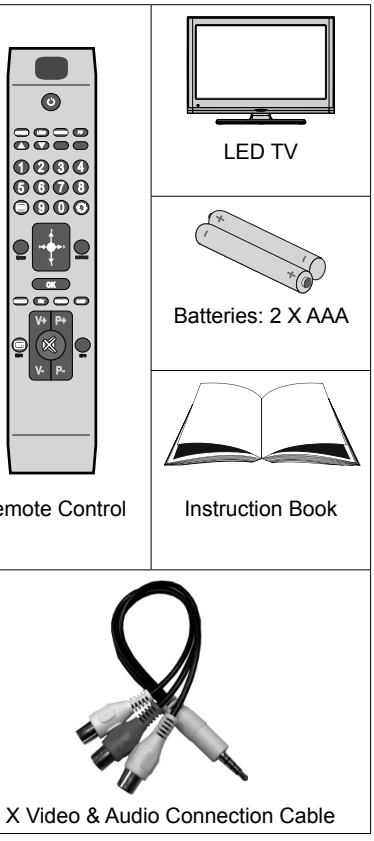
Connection to a Television Distribution System (Cable TV etc.) from Tuner

Device connected to the protective earthing of the building installation through the mains connection or through other apparatus with a connection to protective earthing-and to a television distribution system using coaxial cable, may in some circumstances create a fire hazard.

Connection to a cable distribution system has therefore to be provided through a device providing electrical isolation below a certain frequency range (galvanic isolator, see EN 60728-11).

Note: The HDMI connection between PC and TV may cause radio interference in which case it is recommended to use VGA(DSUB-15) connection.

Package Contents



Note: You should check the accessories after purchasing. Make sure that each accessory is included.

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Environmental Information

• This television is designed to consume less energy to save environment.

You not only help to save the environment but also you can save money by reducing electricity bills thanks to the energy efficiency feauture of this TV. To reduce energy consumption, you should take the following steps:

• You can use Power Save Mode setting, located in the Feature menu. If you set Power Save Mode as On, the TV will switch to energy-saving mode and luminance level of TV set will be decreased to optimum level. Note that some picture settings will be unavailable to be changed when the TV is in Power Save Mode.

• When the TV is not in use, please switch off or disconnect the TV from the mains plug. This will also reduce energy consumption.

• Disconnect power when going away for longer time.

• Note that annually, using the TV set in Power Save Mode has more power efficiency than disconnecting the TV from the mains plug instead of keeping stand-by mode. Therefore disconnect the TV from the mains plug to save energy when you do not use. However it is highly recommended to activate Power Save Mode setting to reduce your annual power consumption.

• Please helps us to save environment by following these steps.

Repair Information

Please refer all servicing to qualified personnel. Only qualified personnel must repair the TV. Please contact your local dealer, where you have purchased this TV for further information.

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

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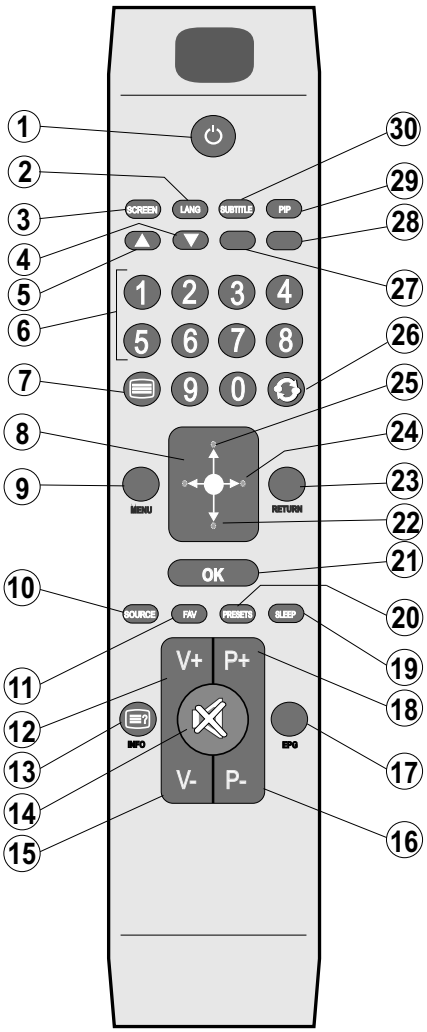
Remote Control Buttons

1. Standby
2. Mono/Stereo - Dual I-II / Currrent Language (*) (in DVB channels)
3. Image size / Zooms videos (in Media Browser video mode)
4. Green button/List Schedule(in EPG)/Tag/Untag All(in favourite list)/Play-Slideshow(in Media Browser)
5. Red button/Stop(in Media Browser)
6. Numeric buttons(**)
7. Teletext / Mix(in TXT mode)
8. Cursor Left
9. Menu on-off
10. AV / Source selection
11. Favourite Mode Selection(in DVB channels)
12. Volume Up
13. Info / Reveal (in TXT mode)
14. Mute
15. Volume Down
16. Programme Down / Page up(in DVB channels)
17. Electronic programme guide(in DVB channels)
18. Programme Up / Page down(in DVB channels)
19. Sleep Timer
20. Picture mode selecion. / Changes picture mode (in Media Browser video mode)
21. Okay (Confirm) / Hold (in TXT mode)/ Edit Channel List
22. Cursor Down
23. Exit / Return / Index page (in TXT mode)
24. Cursor Right / Subpage (in TXT mode)
25. Cursor Up
26. Previous programme
27. Yellow button/Pause (in Media Browser)/ Timeline Schedule(in EPG)
28. Blue button/Edit Channel List/Filter (İn Favourite List&EPG)/Loop-Shuffle (in Media Browser)
29. No function
30. Subtitle on-off (in DVB channels)



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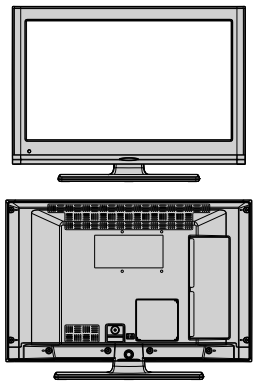
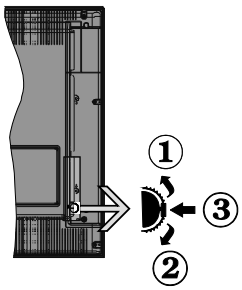
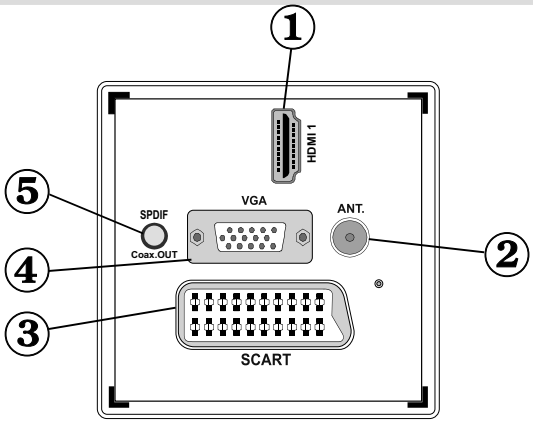
LED TV and Operating Buttons

FRONT and REAR VIEW	Control buttons VIEW	Control Buttons
		1. ***Up direction*** 2. ***Down direction*** 3. ***Programme/Volume / AV / Standby-On selection switch*** ***Note:****You can move the switch, upward or downward to change the volume. If you want to change channels, press the middle of the switch once (Position 3) and then move upward or downward. If you press the middle of the switch once more, source OSD will be displayed. If you press the middle of the switch and hold about a few seconds, the TV will switch to standby mode. Main menu OSD cannot be displayed via control buttons.*

Viewing the Back side Connections



1. **HDMI 1: HDMI Input**
   HDMI Inputs are for connecting a device that has an **HDMI** socket. Your LED TV is capable of displaying High Definition pictures from devices such as a High Definition Satellite Receiver or DVD Player. These devices must be connected via the HDMI sockets or Component Socket. These sockets can accept either 720p or 1080p signals. No sound connection is needed for an HDMI to HDMI connection.
2. **RF Input** connects to an aerial antenna system.
   Note that if you use a decoder or a media recorder, you should connect the aerial cable through the device to the television with an appropriate antenna cable, as shown in the illustration in the following pages.
3. **SCART** input or output for external devices. Connect the SCART cable between SCART socket on TV and SCART socket on your external device (such as a decoder, a VCR or a DVD player).
   Note: *If an external device is connected via the SCART socket, the TV will automatically switch to AV mode.*
   Note*: S-VHS signal is supported via the scart socket.*

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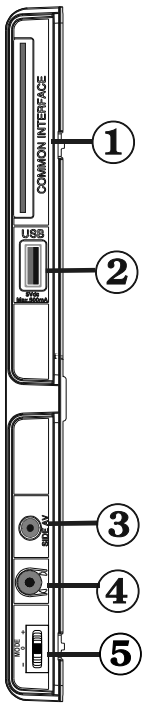
4. **PC Input** is for connecting a personal computer to the TV set.
   Connect the PC cable between the **PC INPUT** on the TV and the PC output on your PC.
   Note*: You can use YPbPr to VGA cable(not supplied) to enable YPbPr signal via PC input.*
5. **S/PDIF Coaxial Out** outputs digital audio signals of the currently watched source.
   Use an **SPDIF coaxial cable** to trasfer audio signals to a device that has S/PDIF input

Viewing the Connections - Side Connectors



1. The CI Slot is used for inserting a CI card. A CI card allows you to view all the channels that you subscribe to. For more information, see “Conditional Access” section.
2. Side USB input.
3. **Side audio-video connection** input is used for connecting video and audio signals of external devices. To make a video connection, you must use the supplied AV connection cable for enabling connection. First, plug singular jack of the cable to the TV’s Side AV socket. Afterwards, insert your video cable’s (not supplied) connector into the YELLOW input (located on the plural side) of the supplied AV connection cable. Colours of the connected jacks should match.

   To enable audio connection, you must use RED and WHITE inputs of the side AV connection cable. Afterwards, insert your device’s audio cable’s connectors into the RED and WHITE jack of the **supplied** side AV connection cable. Colours of the connected jacks should match.
   Note: You should use audio inputs of side AV connection cable (RED & WHITE) to enable sound connection when connecting a device to your TV by using PC or COMPONENT VIDEO input.
4. The headphone jack is used for connecting an external headphone to the system. Connect to the HEADPHONE jack to listen to the TV from headphones.
5. Volume/ Programme/ Source and Standby-On switch

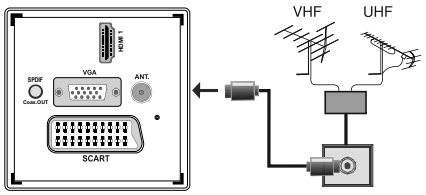
Power Connection

IMPORTANT*: The TV set is designed to operate on 220-240V AC, 50 Hz.*

- After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains. Plug the power cable to the mains socket outlet.

Aerial Connection

- Connect the aerial ,cable TV plug to the AERIAL INPUT socket located at the rear of the TV.



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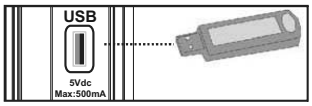
Using Digital Multimedia Connectors

- You can connect USB devices to your TV by using the USB input of the TV. This feature allows you to display/play JPG, MP3 and video files stored in a USB stick.
- It is possible that certain types of USB devices (e.g. MP3 Players) may not be compatible with this TV.
- You may back up your files before making any connections to the TV set in order to avoid any possible data loss. Note that manufacturer will not be responsible for any file damage or data loss.
- Do not pull out USB module while playing a file.

CAUTION: Quickly plugging and unplugging USB devices, is a very hazardous operation. Especially, do not repeatedly quickly plug and unplug the drive. This may cause physical damage to the USB player and especially the USB device itself.

SIDE VIEW USB MEMORY



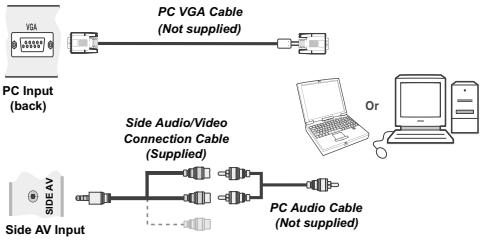
USB Memory Connection

IMPORTANT: The TV should be switched off while plugging or unplugging a USB device. Plug your USB devices to the USB input of the TV. You can connect a usb device to your TV by using the USB input of the TV.

Note: It is possible certain types of hard disk drives are not supported.

Connecting the LED TV to a PC

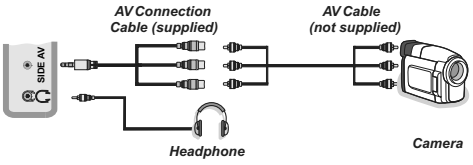
For displaying your computer's screen image on your LED TV, you can connect your computer to the TV set. Power off both computer and display before making any connections. Use 15-pin D-sub display cable to connect a PC to the LED TV. When the connection is made, switch to PC source. See "Input selection" section. Set the resolution that suits your viewing requirements. Resolution information can be found in the appendix parts.



Using Side AV Connectors

You can connect a range of optional equipment to your LCD TV using side connectors of the TV.

- For connecting a camcorder or camera , you should use **AV** socket (side). To do this, you must use the supplied **video/audio connection cable**. First, plug single jack of the cable to the TV's **AV IN** socket (side). Afterwards, insert your camera cable's (*not supplied*) connectors into the plural part of the **video/ audio connection cable**. Colours of the connected jacks should match. See illustration below.
- Afterwards, you should switch to **Side AV** source. See the section ***Input selection*** in the following sections for more information.



- To listen the TV sound from headphones, you should connect headphones to your TV by using the **HEADPHONE** jack as illustrated above.

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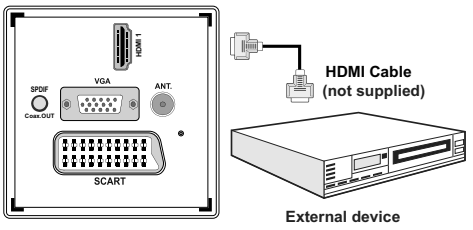
Connecting to a DVD Player via HDMI

Please refer to your DVD player's instruction book for additional information. Power off both the TV and the device before making any connections.

***Note**: Not all cables shown in the illustration are supplied.*

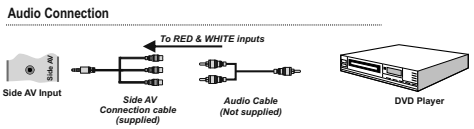
- If your DVD player has an **HDMI** socket, you can connect via **HDMI** for better video and audio quality.

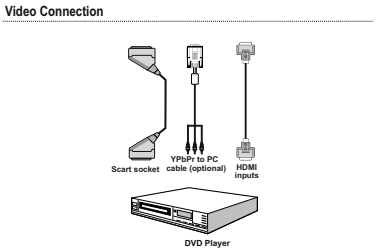


- When you connect to DVD player as illustrated above, switch to the connected **HDMI** source. See, ***Input Selection*** section for more information on changing sources.

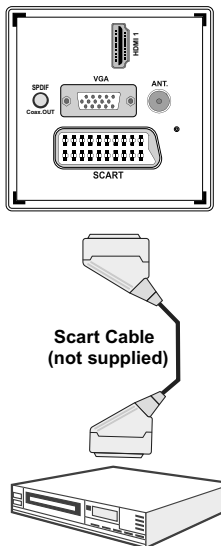
Connecting to a DVD Player

- Some DVD players are connected through COMPONENT SOCKETS (YPbPr). YPbPr can be used only when you connect a device that has a YPbPr output through the PC input with YPbPr to PC cable (YPbPr cable is not supplied).
- When the connection is made, switch to YPbPr source. See, "Input selection" section.
- To enable audio connection, use the **VGA/ Component Audio cable**. First, plug single jack of the cable to the TV. Afterwards, insert your DVD player's audio cable's connectors into the plural part of the **VGA/Component audio connection cable** (*see illustration below*). Colours of the connected jacks should match (RED & WHITE)





- When the connection is made, switch to **YPbPr** source. See, ***Input selection*** section.
- You may also connect through the **SCART** input.

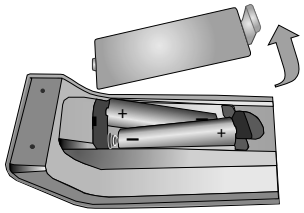


- ***Note**: These three methods of connection perform the same function but in different levels of quality. It is not necessary to connect by all three methods.*

Remote Control Handset

Inserting Batteries

- Remove the battery cover located on the back of the handset by gently pulling backwards from the indicated part.
- Insert two **AAA/R3** or equivalent type batteries inside. Observe the correct polarity (+/-) when inserting batteries and replace the battery cover.



***Note**: Remove the battery from remote control handset when it is not to be used for a long period. Otherwise it can be damaged due to any leakage of batteries. Remote range is approximately 7m/23ft.*

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

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Switching On/Off

To Switch the TV On

- Connect the power cord to the 220-240V AC 50 Hz. Then the standby LED lights up.(The led will blink during the standby On/Off)
- To switch on the TV from standby mode either:
- Press the "⏻" button, **P+** / **P-** or a numeric button on the remote control.
- Press the "⏻" button, **-** or **+** button on the TV. The TV will then switch on.

Note: If you switch on your TV via PROGRAMME UP/DOWN buttons on the remote control or on the TV set, the programme that you were watching last will be reselected.

By either method the TV will switch on.

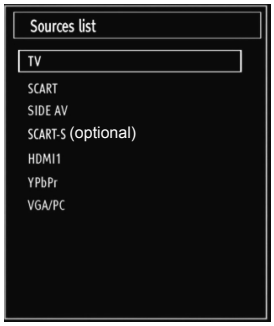
To Switch the TV Off

- Press the "⏻" button on the remote control or press the "⏻" switch on the TV, so the TV will switch to standby mode.
- **To power down the TV completely, unplug the power cord from the mains socket.**

Note*: When the TV is switched to standby mode, standby LED can blink to indicate that features such as Standby Search, Over Air Download or Timer is active.*

Input Selection

Once you have connected external systems to your TV, you can switch to different input sources. Press **"SOURCE"** button on your remote control consecutively for directly changing sources.



Note*: YPbPr mode can be used only when you connect a device that has a YPbPr output through the PC input with YPbPr to PC cable (not supplied).*

Basic Operations

You can operate your TV using both the remote control and onset buttons.

Operation with the Buttons on the TV

Volume Setting

- You can use the control switch to change the volume of the TV. To increase volume, please move the switch upward. Move the switch downward to decrease the volume. A volume level scale (slider) will be displayed on the screen.

Programme Selection

- First press the control switch once to change channel. You can move the switch upward to select the next programme or move it downward to select the previous programme.

Viewing Main Menu

- The Main Menu screen cannot be displayed by using the control switch on the TV.

AV Mode

- Press the control switch consecutively until the source OSD is displayed on the screen.

Operation with the Remote Control

- The remote control of your TV is designed to control all the functions of the model you selected. The functions will be described in accordance with the menu system of your TV.

Volume Setting

- Press **V+** button to increase the volume. Press **V-** button to decrease the volume. A volume level scale (slider) will be displayed on the screen.

Programme Selection (Previous or Next Programme)

- Press **P-** button to select the previous programme.
- Press **P+** button to select the next programme.

Programme Selection (Direct Access)

- Press the numeric buttons on the remote control to select programmes between 0 and 9. The TV will switch to the selected programme.

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

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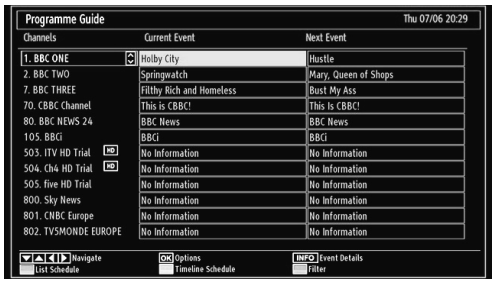
Viewing Electronic Programme Guide (EPG)

You can view the electronic programme guide (EPG) to view information about available programmes.To view the EPG menu please press **EPG** button on the remote control.

- Press "▼"/"▲" buttons to navigate through channels.
- Press "◀"/"▶" buttons to navigate through the programme list.
- EPG menu displays available information on all channels.
- Please note that event information is updated automatically. If there are no event information data available for channels, EPG will be displayed with blanks.



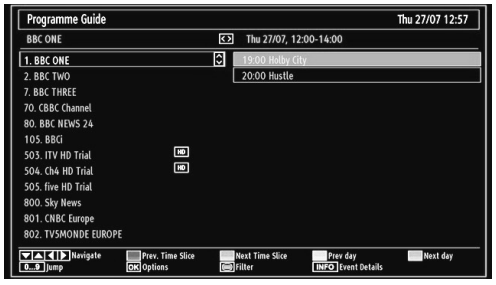
OK (Options): Displays programme options including "***Select Channel***" option.

INFO (Event Details): Displays the programmes in detail.

Green button: Programme schedule will be listed

Yellow button: Display EPG data in accordane with timeline schedule

Blue button (Filter): Views filtering options.



Red button (Prev Time Slice): Displays the programmes of previous time slice.

Green button (Next Time Slice): Displays the programmes of the next time slice.

Yellow button (Prev Day): Displays the programmes of previous day.

Blue button (Next day): Displays the programmes of the next day.

Numeric buttons (Jump): Jumps to the preferred channel directly via numeric buttons.

OK (Options): Displays programme options including "***Select Channel***" option.

Text button (Filter): Views filtering options.

INFO (Details): Displays the programmes in detail.

Red button (Prev Day): Displays the programmes of previous day.

Green button (Next day): Displays the programmes of the next day.

Yellow button (Zoom): Expands programme information.

Blue button (Filter): Views filtering options.

INFO (Details): Displays the programmes in detail.

Numeric buttons (Jump): Jumps to the preferred channel directly via numeric buttons.

OK (Options): Displays programme options including "***Select Channel***" option.

Text (Search): Displays "***Guide Search***" menu.

You can search programmes using the Guide Search screen. There are searching options located within the Guide Search Screen. You can Search By Genre or Name Match. If you select GENRE option, it lists the programmes in accordance with their genre. If you select Name Match and press Down button, the next line will be highlighted and alphanumeric numbers will be displayed at the bottom of the screen. Key in the desired programme name that you want to find. When finished, press Down button to highlight Start Search and then press OK button to proceed.

SUBTTL: Press **SUBTITLE** button to view Select Genre menu. Using this feature, you can search the programme guide database in accordance with the genre. Info available in the programme guide will be searched and results matching your criteria will be listed.

(Now) : Shows the current programme.

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

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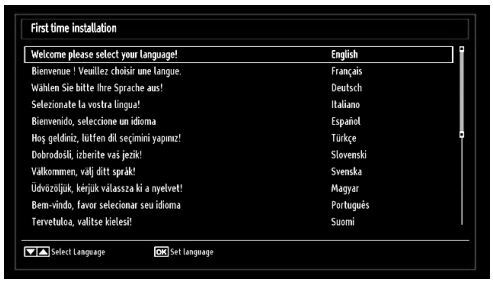
First Time Installation

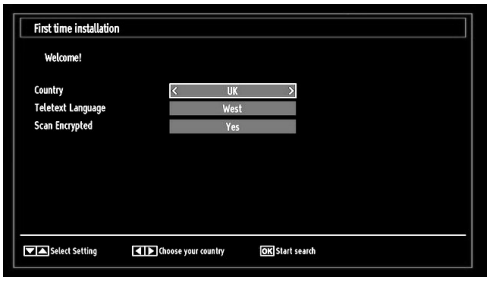
IMPORTANT: Ensure that the aerial is connected before switching on the TV for the first time installation.

• When the TV is operated for the first time, installation wizard will guide you through the process. First, language selection screen will be displayed:


First time installation
Welcome please select your language! English
Bienvenue ! Veuillez choisir une langue. Français
Wählen Sie bitte Ihre Sprache aus! Deutsch
Selezionate la vostra lingua! Italiano
Bienvenido, seleccione un idioma Español
Hoş geldiniz, lütfen dil seçimini yapınız! Türkçe
Dobrodošli, izberite vaš jezik! Slovenski
Välkommen, välj ditt språk! Svenska
Üdvözöljük, kérjük válassza ki a nyelvet! Magyar
Bem-vindo, favor selecionar seu idioma Português
Tervetuloa, valitse kielesi! Suomi
Select Language
OK Set language

• Use "▼" or "▲" buttons to select your language and press **OK** button to set selected language and continue.

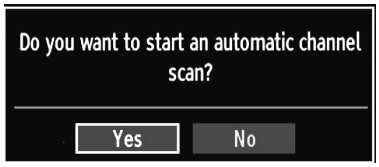
• After selecting the language, "**Welcome!**" screen will be displayed, requiring you to set **Country,Teletext Language** and **Scan Encrypted** options.



• By pressing "◀" or "▶" button, select the **country** you want to set and press "▼" button to highlight **Teletext Language** option. Use "◀" or "▶" button to select desired Teletext Language.

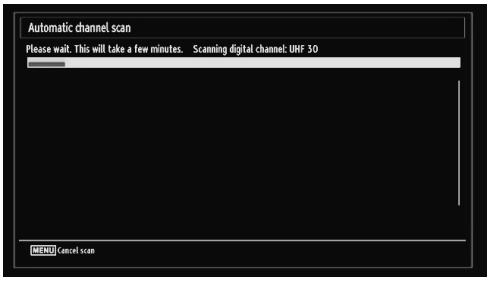
• Press "▼" button after setting Teletext Language option. **Scan Encrypted** will be then highlighted. You can set **Scan Encrypted** as **Yes** if you want to scan coded stations.Afterwards select the desired Teletext Language.

• Press **OK** button on the remote control to continue and the following message will be displayed on the screen:



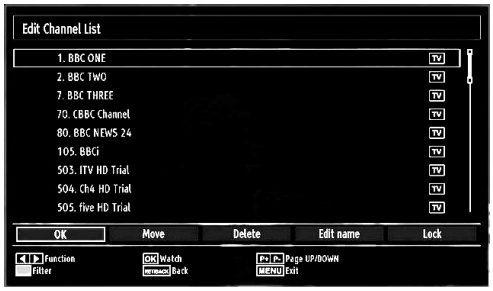
To select the "Yes" or "No" option, highlight the item by using "◀" or "▶" buttons and press **OK** button.

Afterwards, the following OSD will be displayed on the screen and the digital television will search for digital terrestrial TV broadcasts



*Note: You can press **"MENU"** button to cancel.*

• After all the available stations are stored, Channel List will be displayed on the screen. If you like the sort channels, according to the LCN,please select "Yes" and than press "OK".



• Press **OK** button to quit channel list and watch TV.

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

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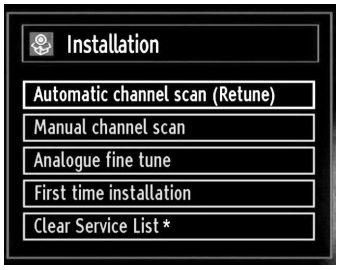
Installation

Press **"MENU"** button on the remote control and select **Installation** by using "◀" or "▶" button. Press **OK** button and the following menu screen will be displayed.



Select Automatic Channel Scan (Retune) by using "▼"/"▲" button and press **OK** *button. Automatic Channel Scan (Retune) options will be displayed. You can select Digital Aerial, Analogue or Digital Aerial-Analogue tuning using "▼"/"▲" and* **OK** *buttons.*

Automatic Channel Scan (Retune) Menu Operation

Digital: *Searches and stores aerial DVB stations.*

Analogue: *Searches and stores analogue stations.*

Full: *Searches and stores both analogue and aerial DVB stations.*

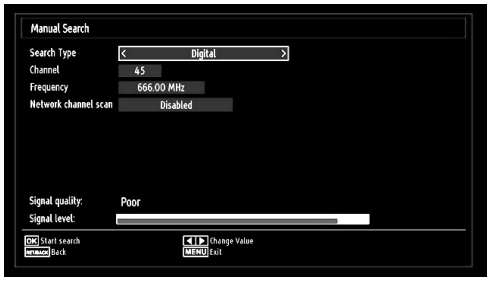
- Whenever you select an automatic search type and press **OK** button, a confirmation screen will appear on the screen. To start installation process, select **Yes**, to cancel select **No** by using ."◀" or "▶" and **OK** button.
- After auto channel scan type is set and selected and confirmed, installation process will start and progress bar will move along. Press **"MENU"** button to cancel process. In such a case, located channels are not stored.

Manual Tuning

HINT: *This feature can be used for direct broadcast entry.*

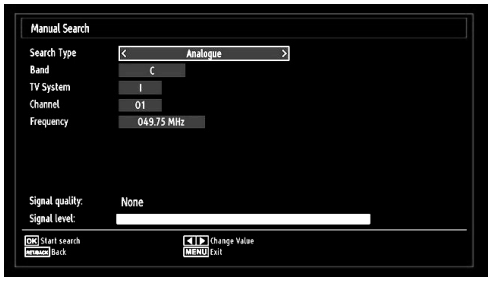
- Select **Manual Channel Scan** from the Installation menu by using "▼"/"▲" and **OK** buttons. Manual Scan options screen will be displayed.
- Select the desired **Search Type** using "◀" or " ▶" button. Manual search options will change accordingly. Use "▼"/"▲" button to highlight an item and then press "◀" or "▶" button to set an option. You can press **"MENU"** button to cancel.

Digital Manual Search



In manual channel scan, the number of the multiplex or frequency are entered manually and only that multiplex or frequency are searched for the channels. After selecting search type as **Digital**, you can enter the multiplex or frequency number using the numeric buttons and press **OK** button to search.

Analogue Manual Search



After selecting search type as analogue, you can use "▼"/"▲" button to highlight an item and then press "◀ " or "▶" button to set an option.

Enter the channel number or frequency using the numeric buttons. You can then press **OK** button to search. When the channel is located, any new channels that are not on the list will be stored.

Analogue Fine Tune

- Select **Analogue Fine Tune** from the Installation menu by using "◀" or "▶" and **OK** buttons. Analogue fine tune screen will be displayed. Analogue Fine Tune feature will not be available if there are no analogue channels, digital channels and external sources stored.
- Press **OK** button to proceed. Use "◀" or "▶" button to set Fine Tune. When finished, press **OK** button again.

Clear Service List (*)

(*) This setting is visible only when the Country option is set to Denmark, Sweden, Norway or Finland.

Use this setting to clear channels stored. Press "▼" or "▲" button to select Clear Service List and then press OK. The following OSD message will be displayed on the screen:

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

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Press OK to cancel. Select Yes by pressing "◀" or "▶" button and press OK to delete all of the channels.

Managing Stations: Channel List

The TV sorts all stored stations in the Channel List. You can edit this channel list, set favourites or set active stations to be listed by using the Channel List options.

• Press **"MENU"** button to view main menu. Select Channel List item by using "◀" or "▶" button. Press **OK** to view menu contents.

Select **Edit Channel List** to manage all stored channels. Use "◀" or "▶" and **OK** buttons to select Edit Channel List.

Operating the Channel List

• Press "▼" or "▲" button to select the channel that will be processed. Press "◀" or "▶" button to select a function on Channel List menu.

• Use **P+/P-** buttons to move page up or down.

• Press **BLUE** button to view filtering options.

• Press **"MENU"** button to exit.

Moving a Channel

• First select the desired channel. Select Move option in the channel list and press **OK** button.

• Edit Number screen will be displayed. Enter the desired channel number by using the numeric buttons on the remote control. If there is a previously stored channel on that number, a warning screen will be displayed. Select Yes if you want to move the channel and press **OK**.

• Press **OK** button to process. Selected channel is now moved.

Deleting a Channel

*You can press **GREEN** button to tag/untag all channels; **YELLOW** button to tag/untag channel.*

• Select the channel that you want to delete and select **Delete** option. Press **OK** button to continue.

• A warning screen will appear. Select **YES** to delete, select **No** to cancel. Press **OK** button to continue.

Renaming a Channel

• Select the channel that you want to rename and select **Edit Name** option. Press **OK** button to continue.

• Pressing "◀" or "▶" button moves to the previous/next character. Pressing "▼" or "▲" button toggles the current character, i.e., 'b' character becomes 'a' by "▼" and 'c' by "▲". Pressing the numeric buttons '0...9' replaces the highlighted character with the characters printed above the button one by one as the button is pressed.

• When finished, press **OK** button to save. Press **"MENU"** to cancel.

Locking a Channel

*You can press **GREEN** button to tag/untag all channels; **YELLOW** button to tag/untag a single channel.*

• Select the channel that you want to lock and select **Lock** option. Press **OK** button to continue.

• You will be asked to enter parental control PIN. Default PIN is set as **0000**. Enter the PIN number.

• Press **OK** button when the desired channel is highlighted to lock/unlock the channel. Lock symbol will be displayed next to the selected channel.

Managing Stations: Favourites

You can create a list of favourite programmes.

• Press **"MENU"** button to view main menu. Select Channel List item by using "◀" or "▶" button. Press **OK** to view menu contents.

• Select **Favourites** to manage favourite list. Use "▼"/"▲" and **OK** buttons to select **Favourites**.

• You can set various channels as favourites so that only the favourite channels are navigated.

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

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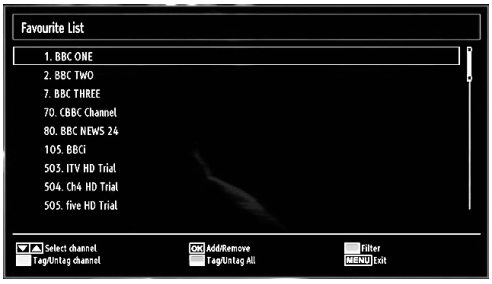


• Select a channel by using "▼" or "▲" button. Press **OK** button to add selected channel to favourites list. Press **OK** button again to remove.

Button Functions

• **OK**: Add/remove a station.

• **YELLOW**: Tag/untag a channel.

• **GREEN**: Tag/untag all channels.

• **BLUE**: Displays filtering options.

Managing Stations: Sorting Channel List

You can select broadcasts to be listed in the channel list. To display specific types of broadcast, you should use Active channel list setting.

Select Active channel list from the Channel list menu by using "◀" or "▶" button. Press **OK** button to continue.

You can select a broadcast type option from the list by using "▼" /"▲" and **OK** buttons.

On-Screen Information

*You can press **"INFO"** button to display on-screen information. Details of the station and current programme will be displayed on the information banner.*

The information banner gives information on the channel selected and the programmes on it. The name of the channel is displayed, along with its channel list number. *Hint: Not all channels broadcast the programme data. If the name and time of the programme are not available, then information banner will be displayed with blanks.*

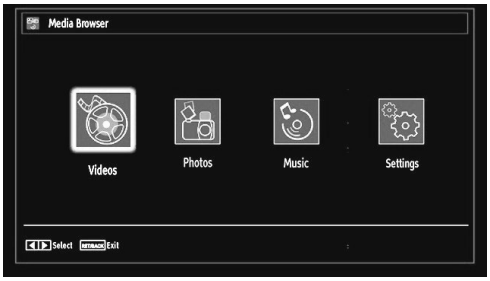
If the selected channel is locked, you must enter the correct four-digit numeric code to view the channel (default code is **0000**). "**Enter PIN**" will be displayed on the screen in such a case:

Media Playback Using Media Browser

If the USB stick is not recognized after power off/on or First Time Installation, first, plug the USB device out and power off/on the TV set. Plug the USB device in again.

To display Media Browser window, press either **"MENU"** button on the remote control and then select Media Browser by pressing "◀" or "▶" button. Press **OK** button to continue. Media Browser menu options will be displayed.

Also, when you plug USB devices, media browser screen will be displayed automatically:



You can play music, picture and video files from the connected USB memory stick. Use "◀" or "▶" button to select Videos, Photos, Music or Settings.

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

01_MB62_[GB]_woypbpr_3902UK_IDTV_BRONZE19_19910LED_10076214_202491.indd 16 03.11.2011 17:18:08

Viewing Videos via USB

When you select Videos from the main options, available video files will be filtered and listed on this screen. You can use "▼" or "▲" button to select a video file and press **OK** button to play a video. If you select a subtitle file and press **OK** button, you can select or deselect that subtitle file. The following menu will be displayed while playing a video file:

Jump (Numeric buttons): The TV will jump to the file starting with the letter you input via the numeric buttons on your remote control.

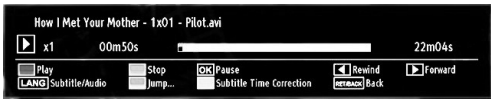
Play This (OK button): Plays the selected file.

Play (GREEN button): Plays all media files starting with the selected one.

Lang (Play Preview): Displays selected file in a small preview screen.

INFO: Changes filter options.

FAV: Sorts files by name.



Play (RED button): Starts the video playback.

Stop (BLUE button): Stops the video playback.

Pause (OK button): Pause the video playback.

Rewind (◀ button): Goes backward.

Forward (▶ button): Goes forward.

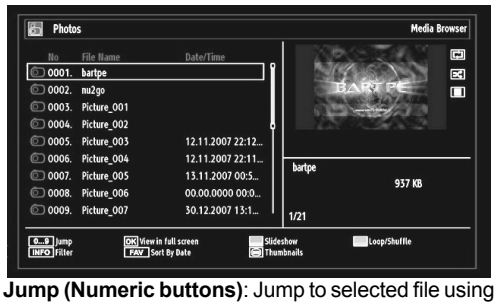
Subtitle/Audio (LANG. button): Sets subtitle/Audio.

Yellow: Opens subtitle time correction menu

Press **RETURN** button to switch back to previous menu.

Viewing Photos via USB

When you select Photos from the main options, available image files will be filtered and listed on this screen.



Jump (Numeric buttons): Jump to selected file using the numeric buttons.

OK: Views the selected picture in full screen.

Slideshow (GREEN button): Starts the slideshow using all images.

Loop/Shuffle (BLUE button): Press once to enable Loop. Press again to enable both Loop and Shuffle. Press once more to enable only Shuffle. Press again to disable all. You can follow the disabled functions with the change of the icons.

FAV: Sorts files by date.

TEXT: Views images in thumbnails.

INFO: Changes filter options.

Slideshow Options

Pause (YELLOW button): Pauses the slideshow.

Continue (GREEN button): Continues the slideshow.

Zoom (RED button): Zooms picture.

Note: If a picture is zoomed out/displayed in full screen, you cannot navigate the picture by using Up/ Down/Left/Right buttons.

Previous/Next (Left/Right buttons): Jumps to previous or next file on slideshow.

Rotate (Up/Down buttons): Rotates the image using up/down buttons.

Loop/Shuffle (BLUE button): Press once to disable Loop. Press again to disable both Loop and Shuffle. Press once more to enable only Shuffle. Press again to enable all. You can follow the disabled functions with the change of the icons.

RETURN: Back to file list.

INFO: Displays help screen.

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

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Viewing Music via USB

When you select Music from the main options, available audio files will be filtered and listed on this screen.

0..9 (Numeric buttons): The TV will jump to the file starting with the letter you input via the numeric buttons on your remote control.

Play This (OK button): Plays the selected file.

Play (GREEN button): Plays all media files starting with the selected one.

Stop (RED button): Stops playback.

Pause (YELLOW button): Pauses the selected playback.

Previous/Next (Left/Right buttons): Jumps to previous or next file to play.

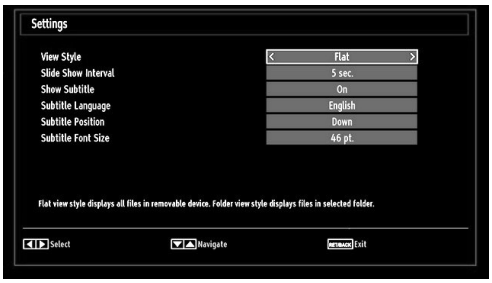
FAV: Sorts files by Title,Artist or Album.

Note: If the Viewing Style is set to Folder in Media Browser Settings, Music folder will be displayed as sorted and there is no need to sort files again by pressing FAV button.

INFO: Changes filter options.

Loop/Shuffle (Blue button): Press once to disable Loop. Press again to disable both Loop and Shuffle. Press once more to enable only Shuffle. Press again to enable all. You can follow the disabled functions with the change of the icons.

Media Browser Settings



You can set your Media Browser preferences by using the Settings dialog. Press "▼" or "▲" button to highlight an item and use "◀" or "▶" button to set.

View Style: Sets default browsing mode.

Slide Show Interval: Sets slide show interval time.

Show Subtitle: Sets subtitle enabling preference.

Subtitle Language: Sets supported subtitle language.

Subtitle Position: Sets subtitle position as up or down.

Subtitle Font Size: Sets subtitle font size (max. 54pt).

Changing Image Size: Picture Formats

- You can change the aspect ratio (image size) of the TV for viewing the picture in different zoom modes.
- Press **"SCREEN"** button repeatedly to change the image size. Available zoom modes are listed below.

Auto

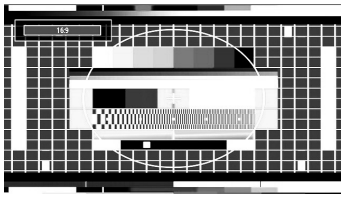
When AUTO is selected, the aspect ratio of the screen is adjusted by the information provided by the selected source(if available).

The format being displayed in AUTO mode is completely independent of WSS information which could be included in the broadcast signal or the signal from an external device.

Note: Auto mode only will be available in HDMI, YPbPr and DTV sources.

16:9

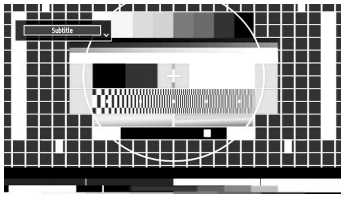
This uniformly stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the wide TV screen.



- For 16:9 aspect ratio pictures that have been squeezed into a normal picture (4:3 aspect ratio), use the **16:9** mode to restore the picture to its original shape.

Subtitle

This zooms up the wide picture (16:9 aspect ratio) with subtitles to the full screen.



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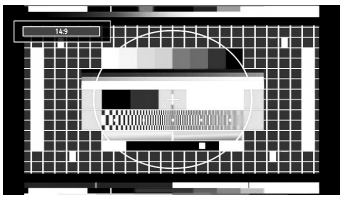
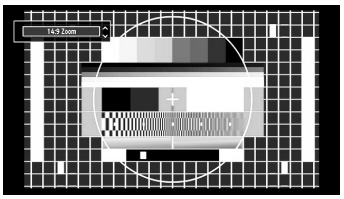
***Note**: You can shift to screen up or down by pressing "▼" / "▲" buttons while picture zoom is selected as panaromic, 14:9 Zoom, Cinema or Subtitle.*

14:9

This zooms up the wide picture (14:9 aspect ratio) to the upper and lower limits of the screen.



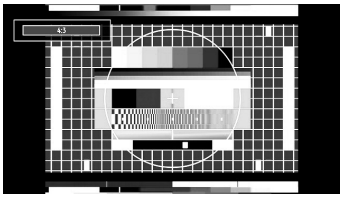
14:9 Zoom



This option zooms to the 14:9 picture.

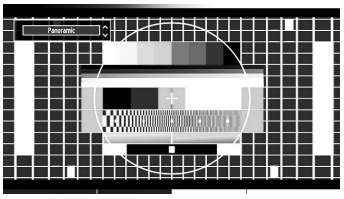
4:3

Use to view a normal picture (4:3 aspect ratio) as this is its original size.



Panoramic

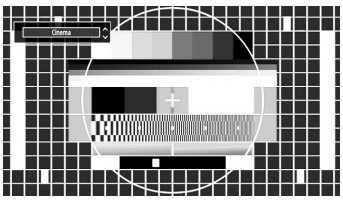
This stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the screen, without making the picture appear unnatural.



The top and bottom of the picture are slightly cut off.

Cinema

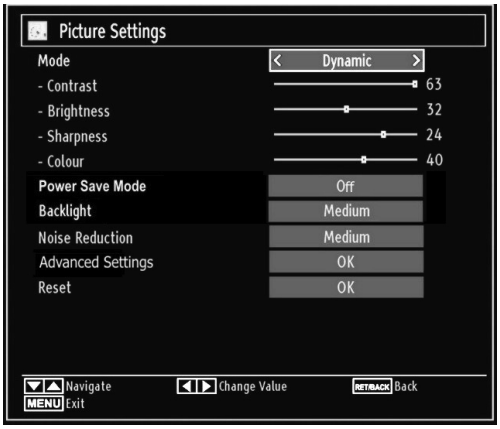
This zooms up the wide picture (16:9 aspect ratio) to the full screen.



Configuring Picture Settings

You can use different picture settings in detail.

Press **"MENU"** button and select the Picture icon by using "◀" or "▶" button. Press **OK** button to view Picture Settings menu.



Operating Picture Settings Menu Items

- Press "▼" or "▲" button to highlight a menu item.
- Use "◀" or "▶" button to set an item.
- Press **MENU** button to exit.

Picture Settings Menu Items

Mode: For your viewing requirements, you can set various screen modes. The Picture mode can be set to one of these options: **Cinema**,**Game**,**Dynamic** and **Natural**.

Contrast: Sets the lightness and darkness values of the screen.

Brightness: Sets the brightness value for the screen.

Sharpness: Sets the sharpness value for the objects displayed on the screen.

Colour: Sets the colour value, adjusting the colors.

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Power Save Mode : Use "▼" or "▲" button to select Power Save Mode.

Press "◀" or "▶" button to set Power Save Mode as On or Off.

See the section, "Environmental Information" in this manual for further information on Power Save Mode.

***Note** : The backlight function will be inactive if Power Save Mode is set to on.*

Backlight : This setting controls the backlight level and it can be set to Auto, Maximum, Minimum, Medium and Eco Mode (optional).

***Note:** Backlight can not be activate in VGA or Media Browser mode or while picture mode is set as Game.*

Noise Reduction: If the broadcast signal is weak and the picture is noisy, use **Noise Reduction** setting to reduce the noise amount. Noise Reduction can be set to one of these options: **Low**, **Medium**, **High** or **Off**.

Advanced Settings

• **Colour Temp**: Sets the desired colour tone.

*Setting **Cool** option gives white colours a slight blue stress.*

*For normal colours, select **Normal** option.*

*Setting **Warm** option gives white colours a slight red stress.*

- **Picture Zoom**:Sets the picture size to **Auto**,**16:9**, **Subtitle,14:9**, 14:9 Zoom, **4:3**, **Panoramic** or **Cinema.**
- **HDMI True Black:** While watching from HDMI source, this feature will be visible in the Picture Settings menu. You can use this feature to enhance blackness in the picture. You can set this feature as "On" for activating HDMI True Black mode.
- **Film Mode** (optional)*:* Films are recorded at a different number of frames per second to normal television programmes.Press "▼" or "▲" buttons to select Film mode. Press "◀" or "▶" buttons to set this feature Auto or Off. Turn this feature to Auto when you are watching films to see the fast motion scenes clearly.
- **Colour Shift:** Adjust the desired colour tone.

Reset: Resets the picture settings to factory default settings.

While in VGA (PC) mode, some items in Picture menu will be unavailable. Instead, VGA mode settings will be added to the Picture Settings while in PC mode.

PC Picture Settings

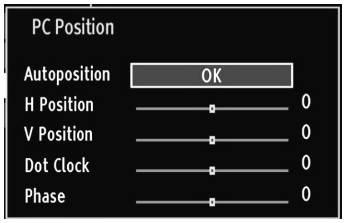
For adjusting PC picture items, do the following:

Press "◀" or "▶" button to select Picture icon. Picture menu appears on the screen.

Contrast, Brightness, Colour, Colour Temp and Picture Zoom settings in this menu are identical to settings defined in TV picture menu under "Main Menu System".

Sound,Settings *and* **Source** *settings are identical to the settings explained in main menu system.*

PC Position: Select this to display PC position menu items.



Autoposition: Automatically optimizes the display. Press **OK** to optimize.

H Position: This item shifts the image horizontally to right hand side or left hand side of the screen.

V Position: This item shifts the image vertically towards the top or bottom of the screen.

Dot Clock: Dot Clock adjustments correct the interference that appear as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts.

Phase: Depending on the resolution and scan frequency that you input to the TV set, you may see a hazy or noisy picture on the screen. In such a case you can use this item to get a clear picture by trial and error method.

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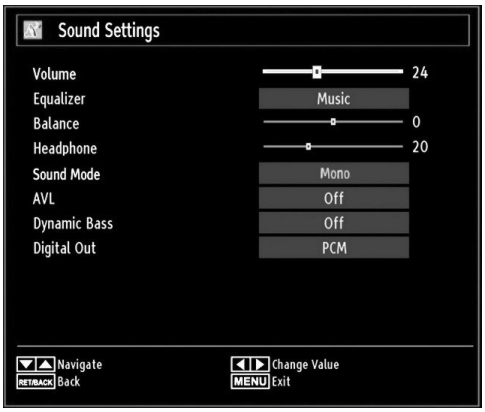
Configuring Sound Settings

Sound settings can be configured according to your personal preferences.

Press **"MENU"** button and select the first icon by using "◀" or "▶" button. Press **OK** button to view Sound Settings menu.



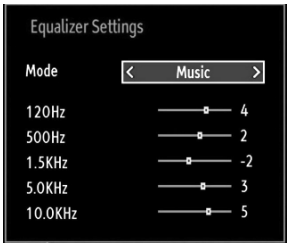
Operating Sound Settings Menu Items

- Press "▼" or "▲" button to highlight a menu item.
- Use "◀" or "▶" button to set an item.
- Press **"MENU"** button to exit.

Sound Settings Menu Items

Volume: Adjusts volume level.

Equalizer: Press **OK** button to view equalizer sub-menu.



In equalizer menu, the preset can be changed to **Music**, **Movie**, **Speech**, **Flat**, **Classic** and **User**. Press the **"MENU"** button to return to the previous menu.

***Note**: Equalizer menu settings can be changed manually only when the **Equalizer Mode** is in **User**.*

Balance: This setting is used for emphasizing left or right speaker balance.

Headphone: Sets headphone volume.

Sound Mode: You can select Mono, Stereo, Dual I or Dual II mode, only if the selected channel supports that mode.

AVL: Automatic Volume Limiting (AVL) function sets the sound to obtain fixed output level between programmes (For instance, volume level of advertisements tend to be louder than programmes).

Dynamic Bass: Dynamic Bass is used to increase bass effect of the TV set.

Digital Out: Sets digital out audio type.

Configuring Your TV's Settings

Detailed settings can be configured to suit your personal preferences.

Press **"MENU"** button and select Settings ikon by using "◀" or "▶" button. Press **OK** button to view Settings menu.

Operating Settings Menu Items

- Press "▼" or "▲" button to highlight a menu item.
- Press **OK** button to select an item.
- Press **"MENU"** button to exit.

Settings Menu Items

Conditional Access: Controls conditional access modules when available.

Language: Configures language settings.

Parental: Configures parental settings.

Timers: Sets timers for selected programmes.

Date/Time: Sets date and time.

Sources: Enables or disables selected source options.

Other Settings: Displays other setting options of the TV set.

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

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Using a Conditional Access Module

IMPORTANT: Insert or remove the CI module only when the TV is SWITCHED OFF.

- In order to watch certain digital channels, a conditional access module (CAM) can be necessary. This module must be inserted in the CI slot of your TV.
- Obtain the Conditional Access Module (CAM) and the viewing card by subscribing to a pay channel company, then insert those to the TV using the following procedure.
- Insert the CAM and then the viewing card to the slot that is located in the terminal cover at the rear side of the TV.
- The CAM should be correctly inserted, it is impossible to insert fully if reversed. The CAM or the TV terminal may be damaged if the CAM is forcefully inserted.

Connect the TV to the mains supply, switch on and then wait for few moments until the card is activated.

- When no module is inserted, "**No Common Interface module detected**" message appears on the screen.
- Refer to the module instruction manual for details of the settings.

Viewing Conditional Access Menu (*)

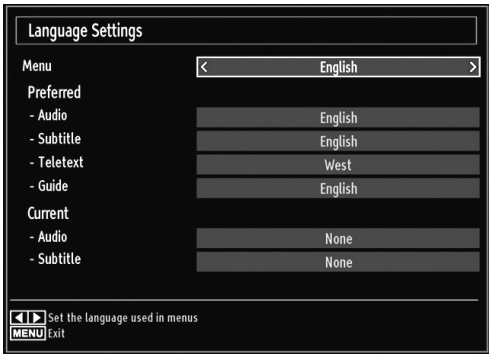
(*) These menu settings may change depending on the service provider.

Press **"MENU"** button and select the icon by using "◀" or "▶" button. Press **OK** button to view Settings menu. Use "▼" or "▲" button to highlight **Conditional Access** and press **OK** to view menu items.

Configuring Language Preferences

You can operate the TV's language settings using this menu.

Press **"MENU"** button and select the fifth icon by using "◀" or "▶" button. Press **OK** button to view Settings menu. Use "◀" or "▶" button to highlight **Language** and press **OK** to continue:



Use "▼" or "▲" button to set an item. Settings are stored automatically.

Menu: displays the system language.

Preferred

These settings will be used if available. Otherwise the current settings will be used.

- **Audio**: Sets the preferred audio language.
- **Subtitle**: Sets the subtitle language. Selected language will be seen in subtitles.
- **Teletext**: Sets teletext language.
- **Guide**: Sets the preferred Guide language.

Current (*)

(*) These settings can be changed if only the broadcaster supports. Otherwise, settings will not be available to be changed.

Audio: Changes the audio language for the current channel.

- **Subtitle**: Sets the subtitle language for the current channel.

Note: If the Country option is set to Denmark, Sweden, Norway or Finland, the Language Settings menu will function as described below:

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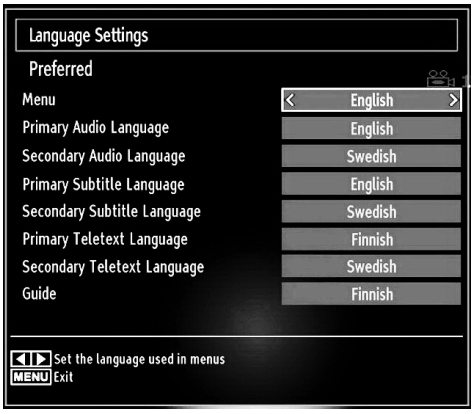
Language Settings



In the configuration menu, highlight the Language Settings item by pressing "▼" or "▲" buttons. Press OK and Language Settings submenu will be displayed on the screen:

Use "▼" or "▲" buttons to highlight the menu item that will be adjusted and then press "◀" or "▶" button to set.

Notes:

- System Language determines the on-screen menu language.
- Audio Language is used for selecting the soundtrack of a channels.
- Primary settings are the first priority when multiple choices are available on a broadcast. Secondary settings are the alternatives when the first options are not available.

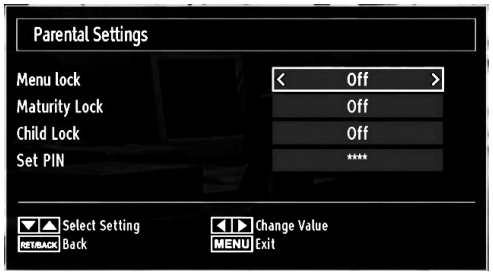
Parental Control

To prohibit viewing of certain programmes, channels and menus can be locked by using the parental control system.

This function enables or disables the menu protection system and allows the PIN code to be changed.

Press **"MENU"** button and select the icon by using "◀" or "▶" button. Press **OK** button to view Settings menu. Use "▼" or "▲" button to highlight **Parental** and press **OK** to continue:

To display parental lock menu options, PIN number should be entered. Factory default PIN number is **0000**. After coding the correct PIN number, parental settings menu will be displayed:



Parental Settings Menu Operation

- Select an item by using "▼" or "▲" button.
- Use "◀" or "▶" button to set an item.
- Press **OK** button to view more options.

Menu Lock: Menu lock setting enables or disables the menu access. You can disable access to the installation menu or the whole menu system.

Maturity Lock (optional): When set, this option gets the maturity information from the broadcast and if this maturity level is disabled, disables access to the broadcast.

Child Lock (optional): When Child Lock is set, the TV can only be controlled by the remote control. In this case the control panel buttons will not work, except for the Standby Off/On button. When Child Lock is activated you are able to switch the TV into Standby mode with the Standby Off/On button. To switch the TV on again, you need the remote control. Hence, if one of those buttons is pressed, **Child Lock Is On** will be displayed on the screen when the menu screen is not visible.

Set PIN: Defines a new PIN number. Use numeric buttons to enter a new pin number. You will need to code your new pin a second time for verification purposes.

***IMPORTANT**: The factory default pin number is **0000**, if you change the pin number make sure you write it down and keep it safe.*

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Timers

*To view Timers menu, press **"MENU"** button and select Channel List icon by using "◀" or "▶" button. Press **OK** button to view Channel List menu. Use "▼" or "▲" button to highlight Timers and press **OK** to continue:*

Setting Sleep Timer

This setting is used for setting the TV to turn off after a certain time.

- Highlight Sleep Timer by using "▼" or "▲" button.
- Use "◀" or "▶" button to set. The timer can be programmed between **Off** and **2.00** hours (120 minutes) in steps of 30 minutes.

Setting Programme Timers

You can set programme timers for a particular programme using this feature.

Press "▼" button to set timers on an event. Programme timer function buttons will be displayed on the screen.

Adding a Timer

- Press **YELLOW** button on the remote control to add a timer. The following menu appears on the screen:

Channel: Changes network type by using "◀" or "▶".

Timer Type: This feature is unavailable to be set.

Date: Enter a date using the numeric buttons.

Start: Enter a starting time using the numeric buttons.

End: Enter an ending time using the numeric buttons.

Duration: Displays duration between the starting and ending time.

Repeat: Sets a timer to be repeated as Once, Daily or Weekly. Use "◀" or "▶" buttons to select an option.

- Press **GREEN** button to save the timer. Press **RED** button to cancel.

Change/Delete: Controls parental settings on timers.

Editing a Timer

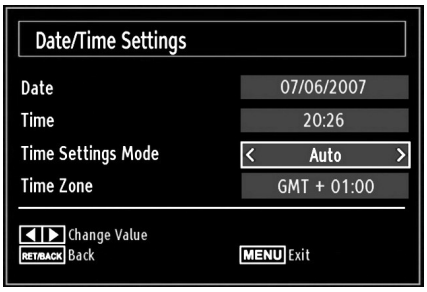
- Select the timer you want to edit by pressing "▼" or "▲" button.
- Press **GREEN** button. Edit Timer menu screen will be displayed.
- When finished with editing, press **GREEN** button to save. You can press **"MENU"** button to cancel.

Deleting a Timer

- Select the timer you want to delete by pressing "▼ " or "▲" button.
- Press **RED** button.
- Select **YES** by using "◀" or "▶" buttons to delete the timer. Select **NO** to cancel.

Configuring Date/Time Settings

Select **Date/Time** in the Settings menu to configure Date/Time settings. Press **OK** button.



- Use "▼" or "▲" buttons to highlight **Date/Time.**

Date,Time,Time Settings Mode and Time Zone Setting will be available.

Use "▲" or "▼" buttons to highlight the Time Settings Mode. Time Settings Mode is set using "◀" or "▶" buttons. It can be set to AUTO or MANUAL.

When AUTO is selected, Date/Time and Time Zone options will not be available to be set. If MANUAL option is selected as the Time Zone can be altered:

- By pressing "▲" or "▼" buttons select Time Zone.

Use "◀" or "▶" buttons to change the Time Zone between GMT-12 or GMT+12. Date/Time on the top of the menu list will then change according to the selected Time Zone.

- Changes are automatically stored. Press **"MENU"** to exit.

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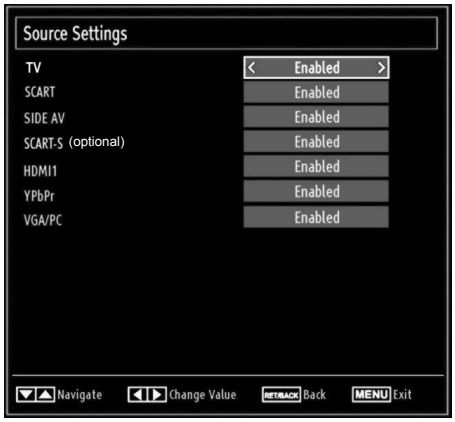
Configuring Source Settings

*You can enables or disable selected source options. The TV will not switch to the disabled source options when **"SOURCE"** button is pressed.*

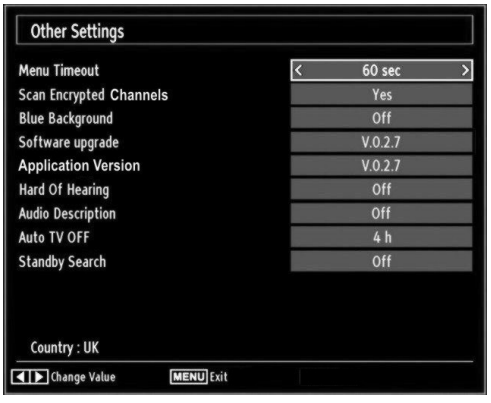


- Select **Sources** in the Settings menu and press **OK** button.
- Press"▼" or "▲" buttons to select a source.
- Use "◀" or "▶" button to enable or disable the selected source. Changes are automatically stored.

***Note**: YPbPr mode can be used only when you connect a device that has a YPbPr output through the PC input with YPbPr to PC cable (not supplied).*

Configuring Other Settings

To view general configuration preferences, select **Other Settings** in the Settings menu and press **OK** button.



Operation

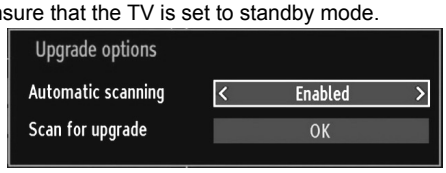
- Press "▼" or "▲" buttons to select an item.
- Use "◀" or "▶" button to set an option.
- Press **OK** button to view a sub-menu.

Menu Timeout: Changes timeout duration for menu screens.

Scan Encrypted: When this setting is on, search process will locate the encrypted channels as well. If it is set as **Off**, encrypted channels will not be located in automatic search or manual search.

Blue Background: Activates or deactivates blue background system when the signal is weak or absent.

Software Upgrade: To ensure that your TV always has the most update information, you can use this setting. In order for the proper operation, please ensure that the TV is set to standby mode.



You can enable or disable automatic upgrade by setting **Automatic Scanning** option.

You can manually search for new software by selecting **Scan for upgrade**.

Application version: Displays the current application version.

Hard of Hearing: If the broadcaster enables any special signal concerning the audio, you can set this setting as On to receive such signals.

Audio Description: Audio description refers to an additional narration track for blind and visually impaired viewers of visual media, including television and movies. The description narrator talks through the presentation, describing what is happening on the screen during the natural pauses in the audio (and sometimes during dialogue, if deemed necessary). You can use this feature, only if the broadcaster supports that additional narration track.

Auto TV Off: You can set the timeout value of auto off feature.After the timeout value is reached and the Tv is not operated for selected time , the TV will go off.

Standby Search (optional): Use "▼" or "▲" button to select Standby Search and then press "◀" or " ▶" button to set this setting as On or Off. If you change Standby Search to Off, this function will be unavailable.To use Standby search please make sure that you select Standby Search as On.

If the Standby Search is set to On, when the TV is in standby mode, available broadcasts will be searched. If the TV locates any new or missing broadcasts, a menu screen will be displayed, asking you whether or not to execute these changes.

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Other Features

Displaying TV Information: Programme Number, Programme Name, Sound Indicator, time, teletext, channel type and resolution information is displayed on the screen when a new programme is entered or **"INFO"** button is pressed.

Mute Function: Press "🔇" button to disable sound. Mute indicator will be displayed in the upper side of the screen. To cancel mute, there are two alternatives; the first one is pressing the "🔇" button and the second one is increasing the volume level.

Picture Mode Selection: By pressing **PRESETS** button, you can change **Picture Mode** settings in accordance with your viewing requirements. Available options are Dynamic, Natural and Cinema.

Displaying Subtitles: You can enable subtitles by pressing the **SUBTITLE** button of the remote control. Press **SUBTITLE** button again to disable subtitle function.

Teletext

Teletext system transmits information such as news, sports and weather on your TV. Note that is the signal degrades, for example in poor/adverse weather conditions, some text errors may occur or the teletext mode may be aborted.

Teletext function buttons are listed below:

"▤" Teletext / Mix: Activates teletext mode when pressed once. Press again to place the teletext screen over the programme (mix).Pressing again will quit the teletext mode.

"RETURN" Index: Selects the teletext index page.

"INFO" Reveal: Shows hidden information (e.g. solutions of games).

"OK" Hold: Holds a text page when convenient. Press again to resume.

"◀"/"▶" **Subcode Pages**: Selects subcode pages if available when the teletext is activated.

P+ / P- and numbers (0-9): Press to select a page.

***Note**: Most TV stations use code 100 for their index pages.*

Coloured Buttons (RED/GREEN/YELLOW/ BLUE)

Your TV supports both **FASTEXT** and **TOP text** systems. When these systems are available, the pages are divided into groups or topics. When **FASTEXT** system is available, sections in a teletext page will become colour-coded and can be selected by pressing the coloured buttons. Press a coloured button that corresponds to with your needs. The coloured writings will appear, showing you which coloured buttons to use when **TOP text** transmission is present. Pressing "▼" or "▲" commands will request the next or previous page respectively.

Tips

Screen Care: Clean the screen with a slightly damp, soft cloth. Do not use abrasive solvents as they may damage the coating layer of the TV screen. For your safety, unplug the mains plug when cleaning the set. When moving the TV, hold it properly from the bottom part.

Image Persistence: Please note that ghosting may occur while displaying a persistent image.LED TVs' image persistence may disappear after a short time. Try turning off the TV for a while.

To avoid this, do not leave the screen in still picture for extended periods.

No Power: If your TV system has no power, please check the main power cable and connection to the mains socket outlet.

Poor Picture: Have you selected the correct TV system? Is your TV set or house aerial located too close to a non-earthed audio equipment or neon lights, etc.? Mountains or high buildings can cause double pictures or ghost images. Sometimes you can improve the picture quality by changing the direction of the aerial. Is the picture or teletext unrecognisable? Check if you have entered the correct frequency. Please retune the channels. The picture quality may degrade when two peripherals are connected to the TV at the same time. In such a case, disconnect one of the peripherals.

No Picture: Is the aerial connected properly? Are the plugs connected tightly to the aerial socket? Is the aerial cable damaged? Are suitable plugs used to connect the aerial? If you are in doubt, consult your dealer. No Picture means that your TV is not receiving a transmission. Have you selected the correct button on the remote control? Try once more. Also make sure the correct input source has been selected.

Sound: You can not hear any sound. Did you perhaps interrupt the sound, pressing the 🔇 button? Sound is coming from only one of the speakers. Is the balance set to one extreme? See **Sound Menu**.

Remote Control: Your TV no longer responds to the remote control. Perhaps the batteries are exhausted. If so you can still use the local buttons on the TV.

Input Sources: If you cannot select an input source, it is possible that no device is connected. Check the AV cables and connections if you have tried to connect a device.

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Appendix A: PC Input Typical Display Modes

The display has a maximum resolution of 1920 x 1200. The following table is an illustration of some of the typical video display modes. Your TV may not support different resolutions. Supported resolution modes are listed below. If you switch your PC to an unsupported mode, a warning OSD will appear on the screen.

Index	Resolution	Frequency
1	640x350	85 Hz
2	640x400	70 Hz
3	640x480	60Hz-66Hz-72Hz -75Hz-85Hz
4	800x600	56Hz-60Hz-70Hz-72Hz -75Hz-85Hz
5	832x624	75 Hz
6	1024x768	60Hz-66Hz-70Hz-72Hz -75Hz
7	1152x864	60Hz-70Hz-75Hz -85 Hz
8	1280x768	60 HzA
9	1280x768	60 HzB
10	1280x768	75Hz-85Hz
11	1280x960	60Hz-75Hz-85Hz
12	1280x1024	60Hz-75Hz-85Hz
13	1360x768	60 Hz
14	1400x1050	60 HzA
15	1400x1050	60 HzB
16	1400x1050	75Hz-85Hz
17	1400x900	65Hz-75Hz
18	1600x1200	60 Hz
19	1680x1050	60 Hz
20	1920x1080	60 HzA
21	1920x1080	60 HzB
22	1920x1200	60HzA
23	1920x1200	60Hz

Appendix B: AV and HDMI Signal Compatibility (Input Signal Types)

Source	Supported Signals		Available
EXT (SCART)	PAL 50/60		O
	NTSC 60		O
	RGB 50		O
	RGB 60		O
Side AV	PAL 50/60		O
	NTSC 60		O
YPbPr	480I	60Hz	O
	480P	60Hz	O
	576I	50Hz	O
	576P	50Hz	O
	720P	50Hz	O
	720P	60Hz	O
	1080I	50Hz	O
	1080I	60Hz	O
	1080P	50Hz	O
	1080P	60Hz	O
HDMI	480I	60Hz	O
	480P	60Hz	O
	576I	50Hz	O
	576P	50Hz	O
	720P	50Hz	O
	720P	60Hz	O
	1080I	50Hz	O
	1080I	60Hz	O
	1080P	50Hz	O
	1080P	60Hz	O
	1080P	24 HZ	O

(X: Not Available, O: Available)

In some cases a signal on the LED TV may not be displayed properly. The problem may be an inconsistency with standards from the source equipment (DVD, Set-top box, etc.). If you do experience such a problem please contact your dealer and also the manufacturer of the source equipment.

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Appendix C: Supported DVI Resolutions

When connecting devices to your TV's connectors by using DVI to HDMI cables (not supplied), you can refer to the following resolution information.

Index	Resolution	Frequency
1	640x400	70Hz
2	640x480	60Hz-66Hz-72Hz -75Hz
3	800x600	56Hz-60Hz-70Hz-72Hz -75Hz
4	832x624	75 Hz
5	1024x768	60Hz-66Hz-70Hz-72Hz -75Hz
6	1152x864	60Hz-70Hz-75Hz
7	1152x870	75Hz
8	1280x768	60 HzA
9	1280x768	60 HzB
10	1280x768	75Hz
11	1280x960	60Hz-75Hz
12	1280x1024	60Hz-75Hz
13	1360x768	60 Hz
14	1400x1050	60 HzA
15	1400x1050	60 HzB
16	1400x1050	75Hz
17	1400x900	65Hz-75Hz
18	1600x1200	60 Hz
19	1680x1050	60 Hz
20	1920x1080	60 HzA
21	1920x1080	60 HzB
22	1920x1200	60HzA
23	1920x1200	60Hz
24	480i-480p	60Hz
25	576i-576p	50Hz

Appendix D: Software Upgrade

• Your TV is capable of finding and updating new software upgrades over broadcast channels.

• For broadcast channels search, the TV looks at the available channels stored in your settings. So before the software upgrade search, it is advised to auto search and update all available channels.

1) Software upgrade search via user interface

• It is possible to manually to check if there is a new software upgrade for your TV set.

• Simply navigate on your main menu. Choose **Settings** and select **Other Settings** menu. In **Other Settings** menu navigate on to the **Software Upgrade** item and press **OK** button to open **Upgrade Options** menu.

• In **Upgrade Options** menu select **Scan for upgrade** and press **OK** button.

• If a new upgrade is found, it starts to download the upgrade. A progress bar indicates the remaining download progress. When the download completes successfully a message is displayed for reboot to activate new software. Press **OK** to continue with the reboot operation.

2) 3.AM search and upgrade mode

• If **Automatic scanning** in **Upgrade Options** menu is enabled, the TV wakes up at 03:00 and searches the broadcast channels for new software upgrade. If new software is found and downloaded successfully, with the next power up the TV opens with new software version.

***Note on reboot operation**: Reboot is the last step in software upgrade operation if download of new software is finished successfully. During reboot TV makes final initializations. In the reboot sequence panel power is closed and front led indicates the activity with blinking. Around 5 minutes later TV restarts with new software activated.*

• If your TV fails to restart in 10 minutes, unplug power for 10 minutes and re-plug again. TV should open with new software safely. If you still can not get TV working, please kindly repeat unplug and plug sequence a few times more. If your set still can not operate, please call the service personnel to fix the problem for you.

Caution: While the LED is blinking during reboot do not unplug your TV's power. Doing this may cause your TV not to re-start again and can only be fixed by service personnel.

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Appendix E : Supported File Formats for USB Mode

Media	File Extension	Format		Remarks
		Video	Audio	(Maximum resolution/Bit rate etc.)
Movie	.mpg, .mpeg	MPEG1, 2	MPEG Layer 1/2/3	MAX 1920x1080 @ 30P 20Mbit/sec
	.dat	MPEG1, 2	MPEG2	
	.vob	MPEG2		
	.avi	MPEG2	PCM/MP3	MAX 1920x1080 @ 30P 20Mbit/sec
		Xvid 1.00, Xvid 1.01, Xvid 1.02, Xvid 1.03, Xvid 1.10-beta1/2	PCM	
Music	.mp3	-	MPEG 1 Layer 1 / 2 (MP3)	32Kbps ~ 320Kbps(Bit rate) 32KHz ~ 48KHz(Sampling rate)
Photo	.jpg .jpeg	Baseline JPEG		max WxH = 15360x8640 4147200bytes
		Progressive JPEG		max WxH = 1024x768 6291456bytes
	.bmp	-		max WxH = 9600x6400 3840000bytes
Subtitle	.sub	-		-
	.srt			

Products

Battery

Information for Users on Disposal of old Equipment and Batteries

[European Union only]

These symbols indicate that equipment with these symbols should not be disposed of as general household waste. If you want to dispose of the product or battery, please consider the collection systems or facilities for appropriate recycling.

***Notice**: The sign Pb below the symbol for batteries indicates that this battery contains lead.*

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Specifications

TV BROADCASTING

PAL/SECAM B/G D/K K' I/I' L/L'

RECEIVING CHANNELS

VHF (BAND I/III)

UHF (BAND U)

HYPERBAND

NUMBER OF PRESET CHANNELS

1000

CHANNEL INDICATOR

On Screen Display

RF AERIAL INPUT

75 Ohm (unbalanced)

OPERATING VOLTAGE

220-240V AC, 50 Hz.

AUDIO

German + Nicam Stereo

AUDIO OUTPUT POWER ($W_{RMS.}$) (10% THD)

2 x 2,5

POWER CONSUMPTION (W)

45 W (max)

PANEL

16:9 display, 19" Screen Size

DIMENSIONS (mm)

DxLxH (With foot): 134 x 468 x 341

Weight (Kg): 3,35

DxLxH (Without foot): 34 x 468 x 307

Weight (Kg): 3,10

Digital Reception	MHEG-5 ENGINE compliant with ISO/IEC 13522-5 UK engine Profile 1	for UK
	Object carousel support compliant with ISO/IEC 135818-6 and UK DTT profile	
	Frequency range: 474-850 MHz for UK models	
	170-862 MHz for EU models	
	Transmission standard: DVB-T. MPEG-2	
	Demodulation: COFDM with 2K/8K FFT mode	
	FEC: all DVB modes	
	Video: MP@ML, PAL, 4:3/16:9	
	Audio: MPEG Layer I&II 32/44.148kHz.	

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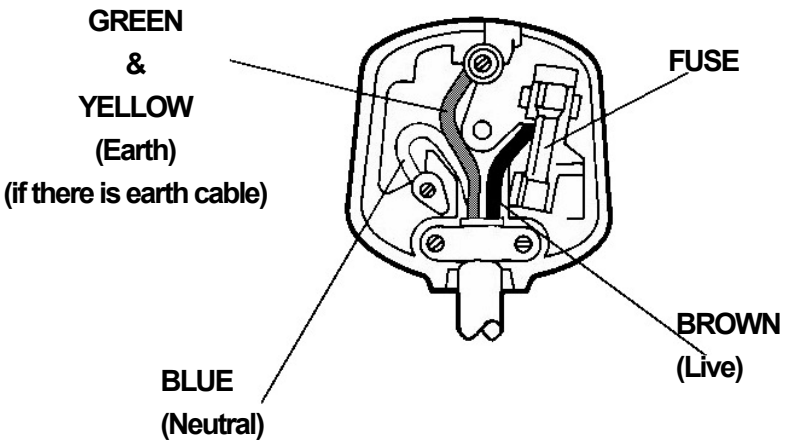
Important Instruction

For your own safety read following instruction carefully before attempting to connect this unit to the mains supply.

MAINS (AC) OPERATION

The wires in the mains lead are coloured in accordance with the following code :



IMPORTANT

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green and yellow must be connected to the terminal which is marked with the letter E, or by the earth symbol, or coloured green or green and yellow.

The wire which is coloured blue or black must be connected to the terminal which is marked with the letter N or coloured Black.

The wire which is coloured brown or red must be connected to the terminal which is marked with the letter L or coloured Red.

For continued protection against risk of fire, replace only with same type and rating of fuse (ASTA approved 5A 250VAC fuse).

Note: Earth connection is used only for class I applications.

This symbol means this appliance is a class II appliance and therefore, an earth connection is not required.

CAUTION

TO PREVENT ELECTRIC SHOCK DISCONNECT FROM THE MAINS BEFORE REMOVING COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

SAFETY PRECAUTION

THIS EQUIPMENT MUST BE DISCONNECTED FROM THE MAINS WHEN NOT IN USE. DO NOT ALLOW THIS UNIT TO BE EXPOSED TO RAIN OR MOISTURE.

For assistance, please call our Tesco Electrical Helpline on 0845 456 6767

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